



THE STATE OF UTAH  
OFFICE OF STATE ENGINEER  
SALT LAKE CITY

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STATE ENGINEER

Memo - Report  
To - Donald C. Norseth  
From - R. F. Guy  
Subject - Pot Creek  
Date - May 2, 1962

Dayle Webb of the U.S.G.S. invited Robert Guy to go along on a field trip to Pot Creek. The trip was made without any difficulty. The road was dry but rough due to washing during the spring runoff.

The first stop was made at the U.S.G.S. gauge above the Matt Warner Reservoir on Pot Creek. An icing condition was found in the well of the gauge house. This condition was alleviated and the gauge put in operating condition. At 1:30 p.m. Dayle Webb measured Pot Creek with a current meter and calculated the flow to be 27.7 c.f.s.

From this point it was noted that most of the snow in the valley had melted with the exception of a few big drifts in the hollows. The south side of the slopes were bare but the north slopes were still snow covered.

A small stream of water was flowing in Beeler Creek where it crosses Searle's Lane (est. 0.5 c.f.s.). The Beeler Creek Channel was dry where the road to the Matt Warner crossed it. This would tend to indicate that either the flow was soaking in the ground before it reached this point or else it was being diverted into Pot Creek through Zeph Calder's Ditch.

The Matt Warner Reservoir was filled and water was flowing over the spillway. Reservoir gauge height was 107.8. The washed condition

of the spillway channel indicated that a large volume of water had recently flowed over the spillway. The partial flume below the Matt Warner was washed out completely.

Cow hollow was flowing an estimated 2.0 c.f.s.

The Crouse (Bill Allen) Reservoir was full and a large stream of water was flowing through the spillway.

A recent high water line on the dam was noted. This water line is approximately 18 to 24 inches above the water level. The reason for this high water line is not known, although, a temporary constriction in the spillway channel could have been the probable cause.

The U.S.G.S. gauge on the Utah-Colorado line was visited and the gauge checked and put in operating condition. At this station the flow of Pot Creek was 36.2 c.f.s. High water marks along the channel indicated that an extremely large volume of water had flowed down Pot Creek recently.